

Message Text

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ACTION SCI-06

INFO OCT-01 IO-14 ISO-00 EPA-04 CEQ-02 ACDA-19 CIAE-00

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FM USMISSION IAEA VIENNA

TO SECSTATE WASHDC PRIORITY 3740

INFO AEC GERMANTOWN PRIORITY

UNCLAS SECTION 1 OF 2 IAEA VIENNA 10184

C O R R E C T E D C O P Y (FOR SECTION INFORMATION)

E.O. 11652: NA

TAGS: TECH IAEA SENV

SUBJ: IAEA'S PANEL OF EXPERTS REPORT ON OCEAN DUMPING

REF: STATE A-9894, NOV. 30, 1973

1. FOLLOWING ARE RESULTS MISSION'S DISCUSSIONS DETAILED SUGGESTIONS PER REFAIR WITH CATLIN AND FROM TIME TO TIME, EITHER NISHIWAKI OR PARKER OR BOTH. COMMENTS ARE KEYED TO REFAIR PARAGRAPHS AND FALL IN THREE CATEGORIES: A) SECRETARIAT CONSIDERS EFFECT OF SUGGESTION IS CLARIFICATION OF PANEL'S INTENT, B) SUBJECT GOES SOMEWHAT BEYOND PANEL'S DISCUSSION BUT IS IN NATURE OF ELABORATION, C) SUBJECT IS EIGHTER NEW MATTER OR ONE WHICH WAS SPECIFICALLY CONSIDERED BY PANEL AND REJECTED OR DEFERRED.

2. SUGGESTIONS IN CATEGORY (A) ABOVE WOULD BE REFLECTED IN REDRAFT OF GOV/1622 WHICH WOULD BE CIRCULATED FOR INFO PANEL MEMBERS. SUGGESTIONS IN CATEGORY (B) WOULD BE CIRCULATED TO PANEL MEMBERS FOR THEIR CONCURRENCE OR COMMENT. SUGGESTIONS IN CATEGORY (C) WOULD REQUIRE CONVENING OF PANEL WHICH COULD NOT RPT NOT MEET IN SECRETARIAT'S VIEW, BASED UPON EXPERIENCE, BEFORE MAY OR JUNE
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1974.

3. SUGGESTION FIRST FULL PARA PAGE 2 REPAIR IS CATEGORY (C).

4. SUGGESTION SECOND FULL PARA PAGE 2 IS CATEGORY (A).

5. RE SUGGESTIONS PARA BEGINNING BOTTOM PAGE 2, SECRETARIAT POINTS OUT THAT AGENCY AND ICRP USAGE OF "TOXICITY" ALREADY TAKE INTO ACCOUNT CONCEPT OF "PERSISTENCE" OF RADIONUCLIDES AND THEIR SEPARATE TREATMENT OR DISTINCTION BETWEEN THESE TWO TERMS UNJUSTIFIED. IF SUGGESTION MODIFIED TO READ, FOR EXAMPLE, "RADIONUCLIDES HAVE VERY WIDELY RANGING TOXICITIES, TAKING INTO ACCOUNT PERSISTENCE, AND THEIR, ETC," SECRETARIAT WOULD REGARD CHANGE AS CATEGORY (A).

6. SUGGESTIONS IN FIRST AND SECOND FULL PARAS, PAGE 3, CATEGORY (A).

7. SUGGESTION IN THIRD FULL PARA, PAGE 3 RE ADDING WORD "INDIVIDUAL" IS CATEGORY (A). CHANGE OF "DEEP SEA" TO "MARINE ENVIRONMENT" IS CATEGORY (B) OR POSSIBLY (C), SINCE SECRETARIAT VIEW IS THAT PANEL CLEARLY, IN RELEVANT SENTENCE, WAS ADDRESSING "DEEP SEA AS DEFINED IN LINE 2, PAGE 8 OF GOV/1622, AND NOT RPT NOT ENTIRE MARINE ENVIRONMENT.

8. DELETION LAST TWO SENTENCES (BEGINNING WITH "HOWEVER, THE CONVENTION DOES NOT...") OF PARA IN MIDDEL P.8 GOV/1622, AS SUGGESTED FIRST PARA P.4 REPAIR IS CATEGORY (A). DELETION NEXT PARA P.8 GOV/1622 NOT RPT NOT CONSIDERED JUSTIFIED, BUT SECRETARIAT WILLING REWRITE PHRASE AFTER SECOND COMMA TO READ "MAKE IT IMPOSSIBLE, AT LEAST AT THIS TIME, TO ARRIVE AT," ETC.

9. RE CISCUSION BEGINNING SECOND FULL PARA P.4 REPAIR, SECRETARIAT WILLING, ON CATEGORY (B) BASIS, ADD, IN LAST LINE P.8 GOV/1622, A FOURTH CATEGORY NAMELY, "10 TO ELEVENTH POWER CI/YR FOR GENERAL BETA-GAMMA EMITTERS, EXCLUDING TRITIUM". SIMILARLY, TABLE AT END OF FIRST PARA, P.9 GOV/1622 WOULD BE REVISED TO SHOW FOUR CATEGORIES, OF WHICH FIRST UNCLASSIFIED

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TWO WOULD READ, "TEN TO EIGHTH POWER CI/YR FOR MIXED FISSION PRODUCTS; TEN TO SEVENTH POWER CI/YR FOR GENERAL BETA-GAMMA EMITTERS, EXCLUDING TRITIUM". OTHER TWO ENTRIES WOULD REMAIN AS SHOWN. FIRST TWO ENTRIES IN TABLE AT BOTTOM P.9 GOV 1622 WOULD READ "TEN CUBED CI/YR FOR MIXED FISSION PRODUCTS; TEN SQUARED CI/YR FOR GENERAL BETA-GAMMA EMITTERS, EXCLUDING TRITIUM". OTHER TWO ENTRIES WOULD REMAIN. A DEFINITION OF "MIXED FISSION PRODUCTS", SPECIFYING E.G.

MAXIMUM SR-90 CONTENT, WOULD ALSO BE SHOWN,
PROBABLY BY FOOTNOTE ON P.8 GOV/1622. SECRETARIAT BELIEVES
FOREGOING APPROACH WOULD BE ENTIRELY CONSISTENT WITH
UK/NRPB DOCUMENT, WHICH SPECIFICALLY ADDRESSES FOUR
CATEGORIES NOTE.

10. SUGGESTION IN FIRST FULL PARA P5 REFAIR RE
CHANGING "KNOWN" TO "ESTIMATED" IS CATEGORY (A).
SUGGESTED ALTERNATIVE STATEMENT WOULD BE CATEGORY (B),
BUT SECRETARIAT SUGGESTS DELETION PHRASE "THEN MAN WILL
BE PROTECTED AND"

11. SUGGESTION SECOND FULL PARA P.5 IS CATEGORY (A).

12. SUGGESTION THIRD FULL PARA P.5 NOT RPT NOT CLEAR.
SECOND SENTENCE IS TRUE EVEN IF RPT EVEN IF ASSUMPTIONS
IN FIRST SENTENCE ARE MET. IF ASSUMPTIONS IN FIRST
SENTENCE ARE NOT MET, I.E. RATE OF DUMPING AND ACTIVITY
CONCENTRATIONS ARE BELOW THOSE ASSUMED, SECOND SENTENCE
CERTAINLY TRUE.

13. RE SUGGESTIONS FOURTH FULL PARA P.5, SECRETARIAT
RE-EXAMINING ENTIRE STRUCTURE OF SECTION 2, GOV/1622 AND
IN COURSE OF REORGANIZING THAT SECTION, WILL TAKE CARE OF
SUGGESTION ON CATEGORY (A) BASIS.

14. SUGGESTION PARA BEGINNING BOTTOM P.5 BEING STUDIED
SYMPATHETICALLY BY SECRETARIAT.

15. SUGGESTION FIRST FULL PARA P.6 IS CATEGORY (B).
SECRETARIAT NOTES THAT OPINIONS MAY DIFFER RE APPROPRIATENESS

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ACTION SCI-06

INFO OCT-01 IO-14 ISO-00 EPA-04 CEQ-02 ACDA-19 CIAE-00

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FM USMISION IAEA VIENNA

TO SECSTATE WASHDC PRIORITY 3471
INFO AEC GERMANTOWN PRIORITY

UNCLAS SECTION 2 OF 2 IAEA VIENNA 10184

OF IMPACT STATEMENT AS VEHICLE FOR SUGGESTED ASSUMPTIONS AND DATA.
IF SUGGESTION ADOPTED, WOULD SAME PRINCIPLE APPLY TO ALL ITEMS
DISCUSSED IN SECTION 4 SO THAT THEY WOULD BE INCLUDED IN
IMPACT STATEMENT?

16. SUGGESTION SECOND FULL PARA P.6 IS CATEGORY (A) OR (B),
BUT WOULD BE ADDED AS NEW ITEM (3) IN SECTION 3.2.

17. SUGGESTION THIRD FULL PARA P.6 IS CATEGORY (B). NOTE THAT
UK HAS COMMENTED ON THIS ITEM AND MADE ALTERNATIVE PROPOSAL. (SEE
SEPTEL.)

18. SUGGESTION FOURTH FULL PARA P.6 IS PROBABLY CATEGORY
(A), BUT FINAL PHRASE WOULD READ "TO CONSIDER RECOMMENDATIONS, ETC."

19. RE SUGGESTION FIRST FULL PARA P.7, SECRETARIAT POINTS OUT
SECOND SENTENCE OF FIRST PARA SECTION 4.1 IS FACTUAL AND IMPORTANT
REFERENCE TO LIMITATION OF SCOPE OF CONVENTION AND THEREFORE
SHOULD BE RETAINED. SECOND SUGGESTED SENTENCE IS CATEGORY (A), BUT
INTRODUCTORY PHRASE WOULD BE "SINCE SUCH DUMPING IS EXPECTED
TO BE RARE IN PRACTICE AND PENDING, ETC."

20. SUGGESTION FIRST FULL PARA P.8 IS CATEGORY (B). SECRETARIAT
POINTS OUT THAT GOV/1622 CONTAINS NO REFERENCE TO ADJUSTMENT
FOR DEPTH AND CONSEQUENTLY, PANEL MEMBERS' COMMENTS ON SUGGESTION
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MAY NECESSITATE CONVENING OF PANEL. SEE FRG COMMENT, FOR
EXAMPLE, SEPTEL.

21. RE DISCUSSION OF "MORE DESCRIPTIVE DEFINITION OF HIGH-
LEVEL RADIOACTIVE WASTES", BEGINNING MIDDLE P.8, SECRETARIAT
WOULD CONSIDER SOME OF EXPLANATION IN REWRITING SECTION 2,
BUT DEFINITION ITSELF IS DEFINITELY CATEGORY (C), SINCE IT
WAS PUT FORTH IN EXACTLY SAME FORM TO PANEL WHO DID NOT RPT NOT
CONSIDER IT APPROPRIATE OR NECESSARY FOR INCLUSION IN RECOMMENDATIONS.

22. COMMENTS FROM UK, FRG, AND WHO REPORTED AND DISCUSSED
SEPTEL, ALONG WITH MISSION'S RECOMMENDATIONS. PORTER

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